

SECTION 09650  
RESILIENT FLOORING

### A. GENERAL

## QUALITY ASSURANCE

Provide each type of resilient flooring with accessories produced by a single manufacturer, including recommended primers, adhesives, sealants, and leveling compounds.

The Contractor shall perform tests as necessary to determine if the concrete floor slab is within limits acceptable to resilient flooring manufacturer's recommendations for moisture and pH levels.

## SUBMITTALS

Submit samples of vinyl base materials in accordance with Section 1B, Shop Drawings/Submittals.

## DELIVERY, STORAGE AND HANDLING

Materials shall be delivered in unbroken, sealed packages, with manufacturer's name and brand stamped thereon. Material shall not be stored in newly drywalled rooms or rooms otherwise exposed to dampness.

### JOB CONDITIONS

Materials shall be maintained at a temperature of 70 deg. F for 48 or more hours before they are installed. A temperature of 70 deg. F or more shall be maintained in areas receiving resilient flooring materials for a period beginning 48 hours before application is begun and ending 48 hours after installation is complete.

Work shall not commence until after painting is completed.

Vinyl base shall not be installed until after painting and flooring work is completed.

## B. PRODUCTS

## MANUFACTURERS

Acceptable manufacturers of resilient flooring materials shall be as follows (or approved equal):

Resilient Tile and Base:

- Armstrong World Industries, Inc.
- Azrock Industries, Inc.
- Tarket, Inc.
- Mannington Mills, Inc.
- Fritztile

## MATERIALS

See Section 09000, Color Schedule.

Primers, adhesives and cements shall be as approved by the manufacturer for the particular material with which they are used.

Polish shall be as recommended by the resilient flooring manufacturer and shall conform to ASTM D 4078.

### C. EXECUTION

## INSPECTION AND PREPARATION

Contractor shall be responsible for the proper product installation, including floor preparation and moisture testing,

1 in the areas indicated to receive resilient flooring. There shall be a minimum of three (3) calcium chloride tests  
2 performed on each floor level per ASTM F1869, which includes, but is not limited to, the following requirements:  
3 Heating/cooling system must be fully operating to maintain temperature and relative humidity as it will be when  
4 building is fully occupied, concrete surfaces to be tested shall be cleaned with a gentle grinding prior to testing,  
5 and the ground areas must be left open for 24 hours before installing the test kits. If the emission rate is over 3.0  
6 lbs., the Government shall be notified.

7  
8 Surfaces shall be free of grease, oil, paint, and foreign matter. Dust shall be removed by vacuum cleaning after a  
9 light sanding with a power disk floor machine with a course emery pad.

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11 Under this Section, the Contractor shall be responsible for installing fill in depressions, holes, cracks, and minor  
12 variations up to and including 1/16" vertical offsets.

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14 Surfaces to receive resilient flooring shall be thoroughly clean and dry. The installation of resilient flooring shall be  
15 an indication of the Contractor's acceptance of the substrates, and he will automatically assume the responsibility  
16 for any unacceptable finished work caused by substrate conditions.

#### 17 18 INSTALLATION OF VINYL BASE

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20 Install vinyl base where scheduled, upon completion of the application of wall finishes and all flooring materials.

21  
22 Vinyl base shall be installed in continuous lengths. Piecing will not be permitted. Miter internal corners. At  
23 external corners, 'V' cut back of base strip to 2/3 of its thickness, heat and fold: no joints allowed within 2'-0" of  
24 corners. All vinyl base shall be secured to vertical surfaces with adhesive utilizing methods and materials  
25 recommended by the manufacturer. Exercise extreme care to avoid getting adhesive on exposed wall or floor  
26 surfaces. Heat vinyl base and/or use contact cement at corners where the return distance is not sufficient for  
27 secure and permanent anchorage. Roll with a hand roller to assure full adherence to the wall surfaces.

#### 28 29 INSTALLATION OF ACCESSORIES

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31 Accessories shall be located under door location, where possible.

#### 32 33 CLEANING AND PROTECTION

34  
35 Resilient base shall be cleaned thoroughly in accordance with the manufacturer's written maintenance  
36 recommendations.